


		NTSB ID: IAD05RA020		Aircraft Registration Number: PK-LMN	
		Occurrence Date: 11/30/2004		Most Critical Injury: Fatal	
		Occurrence Type: Accident		Investigated By:	
Location/Time					
Nearest City/Place Solo City		State	Zip Code	Local Time 1814	Time Zone
Airport Proximity:		Distance From Landing Facility:		Direction From Airport:	
Aircraft Information Summary					
Aircraft Manufacturer McDonnell Douglas		Model/Series MD-82		Type of Aircraft Airplane	
Sightseeing Flight: No			Air Medical Transport Flight: No		
Narrative					
<p>Brief narrative statement of facts, conditions and circumstances pertinent to the accident/incident:</p> <p>On November 30, 2004, at 1814 Jakarta time, a McDonnell-Douglas MD-82, Indonesian registry PK-LMN, operating as Lion Air flight 538, was substantially damaged when it overran runway 26 at Adi Sumaro Airport (SOC), Solo City, Central Java, Indonesia. The captain, 1 flight attendant, and 23 passengers were fatally injured; the first officer, 2 flight attendants and 56 passengers were seriously injured; and 84 passengers received either minor injuries or were not injured. Night visual meteorological conditions prevailed; however, rain showers were in the area, and the runway was wet. The flight, which originated at Soekarno-Hatta International Airport (CGK), near Jakarta, Indonesia, was operating on an instrument flight rules flight plan under Indonesian flight regulations.</p> <p>Preliminary information released from the government of Indonesia revealed that after the airplane had landed, it continued off the departure end of the runway and impacted the concrete base of a localizer array.</p> <p>The cockpit voice recorder and flight data recorder were forwarded to the Safety Board for review under the direction of Indonesian authorities.</p> <p>The investigation is under the jurisdiction of the Republic of Indonesia. Further information may be obtained from:</p> <p>Republic of Indonesia Ministry of Communications National Transportation Safety Committee Gedung Karsa, 2nd Floor Departemen Perhubungan Jalan Medan Merdeka Barat No. 8 Jakarta 10110 - Indonesia</p> <p>Tel/Fax 62-21-3517606</p> <p>This report is for informational purposes only, and only contains information released by the Republic of Indonesia.</p>					
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 <b>National Transportation Safety Board</b> <b>FACTUAL REPORT</b> <b>AVIATION</b>		NTSB ID: IAD05RA020				
		Occurrence Date: 11/30/2004				
		Occurrence Type: Accident				
<b>Landing Facility/Approach Information</b>						
Airport Name		Airport ID:	Airport Elevation Ft. MSL	Runway Used	Runway Length	Runway Width
Runway Surface Type:						
Runway Surface Condition:						
Type Instrument Approach:						
VFR Approach/Landing:						
<b>Aircraft Information</b>						
Aircraft Manufacturer McDonnell Douglas		Model/Series MD-82		Serial Number		
Airworthiness Certificate(s):						
Landing Gear Type:						
Homebuilt Aircraft? No	Number of Seats:	Certified Max Gross Wt. LBS		Number of Engines:		
Engine Type:	Engine Manufacturer:	Model/Series:		Rated Power:		
<b>- Aircraft Inspection Information</b>						
Type of Last Inspection	Date of Last Inspection	Time Since Last Inspection Hours		Airframe Total Time Hours		
<b>- Emergency Locator Transmitter (ELT) Information</b>						
ELT Installed?	ELT Operated?	ELT Aided in Locating Accident Site?				
<b>Owner/Operator Information</b>						
Registered Aircraft Owner		Street Address				
		City	State	Zip Code		
Operator of Aircraft Lion Air		Street Address				
		City Jakarta	State	Zip Code		
Operator Does Business As:			Operator Designator Code:			
<b>- Type of U.S. Certificate(s) Held: None</b>						
Air Carrier Operating Certificate(s):						
Operating Certificate:			Operator Certificate:			
Regulation Flight Conducted Under: Non-U.S., Commercial						
Type of Flight Operation Conducted: Scheduled; Domestic; Passenger Only						
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		Occurrence Date: 11/30/2004							
		Occurrence Type: Accident							
<b>First Pilot Information</b>									
Name		City		State	Date of Birth	Age			
On File									
Sex:	Seat Occupied:	Principal Profession:		Certificate Number:					
Certificate(s):									
Airplane Rating(s):									
Rotorcraft/Glider/LTA:									
Instrument Rating(s):									
Instructor Rating(s):									
Type Rating/Endorsement for Accident/Incident Aircraft?				Current Biennial Flight Review?					
Medical Cert.:		Medical Cert. Status:		Date of Last Medical Exam:					
<b>- Flight Time Matrix</b>	All A/C	This Make and Model	Airplane Single Engine	Airplane Multi-Engine	Night	Instrument Actual      Simulated	Rotorcraft	Glider	Lighter Than Air
Total Time									
Pilot In Command(PIC)									
Instructor									
Last 90 Days									
Last 30 Days									
Last 24 Hours									
Seatbelt Used?		Shoulder Harness Used?		Toxicology Performed?		Second Pilot?			
<b>Flight Plan/Itinerary</b>									
Type of Flight Plan Filed: IFR									
Departure Point	State				Airport Identifier	Departure Time	Time Zone		
Jakarta					CGK				
Destination	State				Airport Identifier				
Same as Accident/Incident Location					SOC				
Type of Clearance:									
Type of Airspace:									
<b>Weather Information</b>									
Source of Briefing:									
Method of Briefing:									

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		Occurrence Type: Accident	

<b>Weather Information</b>					
WOF ID	Observation Time	Time Zone	WOF Elevation	WOF Distance From Accident Site	Direction From Accident Site
	1803		Ft. MSL	NM	Deg. Mag.
Sky/Lowest Cloud Condition: Scattered			1500 Ft. AGL	Condition of Light:	
Lowest Ceiling: Unknown			Ft. AGL	Visibility: 1.2 SM	Altimeter: 29.94 "Hg
Temperature: 23 °C	Dew Point: 23 °C	Wind Direction: 270		Density Altitude: Ft.	
Wind Speed: 8	Gusts:	Weather Conditions at Accident Site: Visual Conditions			
Visibility (RVR): Ft.	Visibility (RVV)	SM	Intensity of Precipitation:		
Restrictions to Visibility:					
Type of Precipitation:					


<b>Accident Information</b>					
Aircraft Damage: Substantial		Aircraft Fire:		Aircraft Explosion	
Classification:					
- Injury Summary Matrix	Fatal	Serious	Minor	None	TOTAL
First Pilot	1				1
Second Pilot		1			1
Student Pilot					
Flight Instructor					
Check Pilot					
Flight Engineer					
Cabin Attendants	1	2	2		5
Other Crew					
Passengers	23	56	82		161
- TOTAL ABOARD -	25	59	84		168
Other Ground					
- GRAND TOTAL -	25	59	84		168

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 National Transportation Safety Board <b>FACTUAL REPORT</b> AVIATION	NTSB ID: IAD05RA020	
	Occurrence Date: 11/30/2004	
	Occurrence Type: Accident	
Administrative Information		
Investigator-In-Charge (IIC) Paul R. Cox		
Additional Persons Participating in This Accident/Incident Investigation:  Eric E West AAI-100		
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